



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/735,436

Art Unit: 2818

Filing Date: 12/12/2003

Examiner: Le, Thong Quoc

First Named Inventor: Heinrich Sussner

Date: 10/4/2004

Title: **METHOD AND APPARATUS FOR A HIGH DENSITY MAGNETIC  
RANDOM ACCESS MEMORY (MRAM) WITH STACKABLE  
ARCHITECTURE**

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please amend the application as follows:

In the Specification, replace paragraphs [0021], [0022], [0029], [0033], [0042], [0051] and [0054] with new paragraphs on the following attached sheets.

In the Drawings, replace sheets 2/7 and 4/7 of the Formal Drawings submitted 4/16/2004 with the attached new Replacement Sheets.



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# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number	10/735,436
Filing Date	12/12/2003
First Named Inventor	Heinrich Sussner
Examiner Name	Le, Thong Quoc
Group Art Unit	2818
Attorney Docket No.	SUSS-001

## METHOD OF PAYMENT

- 1.
- ☐
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	
Deposit Account Name	

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ )

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** = 0 X	18.00	0.00
Independent Claims	-3** = 0 X	88.00	0.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)		
1051	130	205	65	Surcharge - late filing fee or oath	
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	139	130	Non-English specification	
1812	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1251	110	215	55	Extension for reply within first month	
1252	420	216	205	Extension for reply within second month	
1253	950	217	465	Extension for reply within third month	
1254	1,480	218	725	Extension for reply within fourth month	
1255	2,010	228	985	Extension for reply within fifth month	
1401	330	219	160	Notice of Appeal	
1402	330	220	160	Filing a brief in support of an appeal	
1403	290	221	140	Request for oral hearing	
1451	1,510	138	1,510	Petition to institute a public use proceeding	
1452	110	240	55	Petition to revive - unavoidable	
1453	1,330	241	650	Petition to revive - unintentional	
1501	1,330	242	650	Utility issue fee (or reissue)	
1502	480	243	235	Design issue fee	
1503	640	244	310	Plant issue fee	
1460	130	122	130	Petitions to the Commissioner	
1807	50	123	50	Processing fee under 37 CFR 1.17(q)	
1806	180	126	180	Submission of Information Disclosure Stmt	
8021	40	581	40	Recording each patent assignment per property (times number of properties)	
1809	770	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	279	375	Request for Continued Examination (RCE)	
1802	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

## SUBMITTED BY

Name (Print/Type)	Thomas R. Berthold	Registration No. (Attorney/Agent)	28,689	Telephone	(408) 396-8411
Signature	<i>Thomas R. Berthold</i>	Date	10/04/2004		

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